

BATTERY
PACKS LINE

power
and innovation



designed and created
for your needs

45 kVA
output power
8,5h run time

remote
telemetry



Designed to provide
an exceptional level
of performance
for every work on site
ensuring the right
balance between power
and ease of use

MGTP
45000/90 BP



more sustainable
and environmentally
friendly future

 **TRIME**[®]
Power Division

MGTP

45000/90 BP



ZERO
CARBON EMISSION



100%
BATTERY



first unique battery driven

APPLICATIONS



Constructions



Films set



Events

FEATURES

- ✓ 5" Touch monitoring display controller
- ✓ Communication-centre device
- ✓ 48V/1000A BMS + Distributor to protect the batteries
- ✓ 4G/GPS Antenna + Modem
- ✓ **Remote telemetry & management**
- ✓ Auto recharge of the batteries from external generator
- ✓ Automatic peak shaving mode
- ✓ Sides forklift pockets & Central lifting hook
- ✓ Lockable control panel
- ✓ Main circuit breaker & Earth leakage relay
- ✓ Emergency Stop button

battery
technology



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Code	BP379-45TS2
Dimensions	
L x W x H (mm)	1960x1350x1520
Weight (Kg)	1700
Technical Data	
Continuous power (VA)	45000
Overload 0,5s (W)	75000
Battery pack capacity (Wh)	93389
Capacity available DOD 80% (Wh)	74711
Voltage (V)	230/400
Frequency (Hz)	50
Inverter	
Nominal power (VA)	15000
Q.ty	3
System voltage (V)	48
Max charging current (A)	200
Batteries	
Type	LiFePO4
Q.ty	12
Nominal Voltage (V)	25,6
Nominal Capacity (Ah)	304
Cycle Life DOD 80%	>4000
Distribution panel	
Inlet Plug	1x 63A-400V
	1x 63A-400V
Outlet Sockets	1x 32A-400V
	1x 16A-230V
Auto start connection cable	Standard
Performances	
Running time (h) 25% load	8,5
Running time (h) 50% load	4,0
Running time (h) 75% load	2,5
Recharge time (h)	3,5
Recommended generator size (kVA)	55
Available options	
MC4 connectors + MPPT solar charger for external solar panels	
Mat heating system for batteries to work in cold ambients	
1x 125A-400V Inlet & Outlet	



easy handling & transportability



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